FORSPAN ASSESSMENT MODEL FOR CONTINUOUS ACCUMULATIONS--BASIC INPUT DATA FORM

IDENTIFICATION INFORMATION

Assessment Geologist:……..	M. E. Henry	Date:	9/7/2000
Region:……..	North America	Number:	5
Province:……	Uinta-Piceance	Number:	5020
Total Petroleum System:……	Ferron Coal/Wasatch Plateau	Number:	502001
Assessment Unit:……	Joes Valley and Messina Grabens	Number:	50200184
Notes from Assessor	We did not assess because of a low probability for a successful cell.		

CHARACTERISTICS OF ASSESSMENT UNIT (A.U.)

Assessment-Unit type: Oil (<20,000 cfg/bo) **or Gas** (≥20,000 cfg/bo) Gas

What is the minimum total recovery per cell?…. 0.05 (mmbo for oil A.U.; bcfg for gas A.U.)

Number of evaluated cells: … 1

Number of evaluated cells with total recovery per cell ≥ minimum: …….. 0

Established (>24 cells ≥ min.) _____ Frontier (1-24 cells) _____ Hypothetical (no cells) X

Median total recovery per cell (for cells ≥ min.): (mmbo for oil A.U.; bcfg for gas A.U.)

1st 3rd discovered _____ 2nd 3rd _____ 3rd 3rd _____

Assessment-Unit Probabilities:

Attribute	Probability of occurrence (0-1.0)
1. **CHARGE:** Adequate petroleum charge for an untested cell with total recovery ≥ minimum ….	1.0
2. **ROCKS:** Adequate reservoirs, traps, seals for an untested cell with total recovery ≥ minimum..	0.25
3. **TIMING:** Favorable geologic timing for an untested cell with total recovery ≥ minimum……..	0.25

Assessment-Unit GEOLOGIC Probability (Product of 1, 2, and 3):……..…. 0.0625

4. **ACCESS:** Adequate location for necessary petroleum-related activities for an untested cell with total recovery ≥ minimum …… 1.0

NO. OF UNTESTED CELLS WITH POTENTIAL FOR ADDITIONS TO RESERVES IN NEXT 30 YEARS

Total assessment-unit area (acres): (uncertainty of a fixed value)
minimum _____ median _____ maximum _____

Area per cell of untested cells having potential for additions to reserves in next 30 years (acres):
(values are inherently variable) minimum _____ median _____ maximum _____

Percentage of total assessment-unit area that is untested (%): (uncertainty of a fixed value)
minimum _____ median _____ maximum _____

Percentage of total assessment-unit area that is untested **and** has potential for additions to reserves in next 30 years (%): (a necessary criterion is that total recovery per cell ≥ minimum)
(uncertainty of a fixed value) minimum _____ median _____ maximum _____

Assessment Unit (name, no.) Joes Valley and Messina Grabens, 50200184

TOTAL RECOVERY PER CELL

Total recovery per cell for untested cells having potential for additions to reserves in next 30 years:
(values are inherently variable)
(mmbo for oil A.U.; bcfg for gas A.U.) minimum _____ median _____ maximum _____

AVERAGE COPRODUCT RATIOS FOR UNTESTED CELLS

(uncertainty of a fixed value)

Oil assessment unit:	minimum	median	maximum
Gas/oil ratio (cfg/bo)……			
NGL/gas ratio (bngl/mmcfg)……			
Gas assessment unit:			
Liquids/gas ratio (bliq/mmcfg)……			

SELECTED ANCILLARY DATA FOR UNTESTED CELLS

(values are inherently variable)

Oil assessment unit:	minimum	median	maximum
API gravity of oil (degrees)……			
Sulfur content of oil (%)……			
Drilling depth (m) ……			
Depth (m) of water (if applicable)……			
Gas assessment unit:			
Inert-gas content (%)……			
CO_2 content (%)……			
Hydrogen-sulfide content (%)……			
Drilling depth (m)……			
Depth (m) of water (if applicable)……			

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